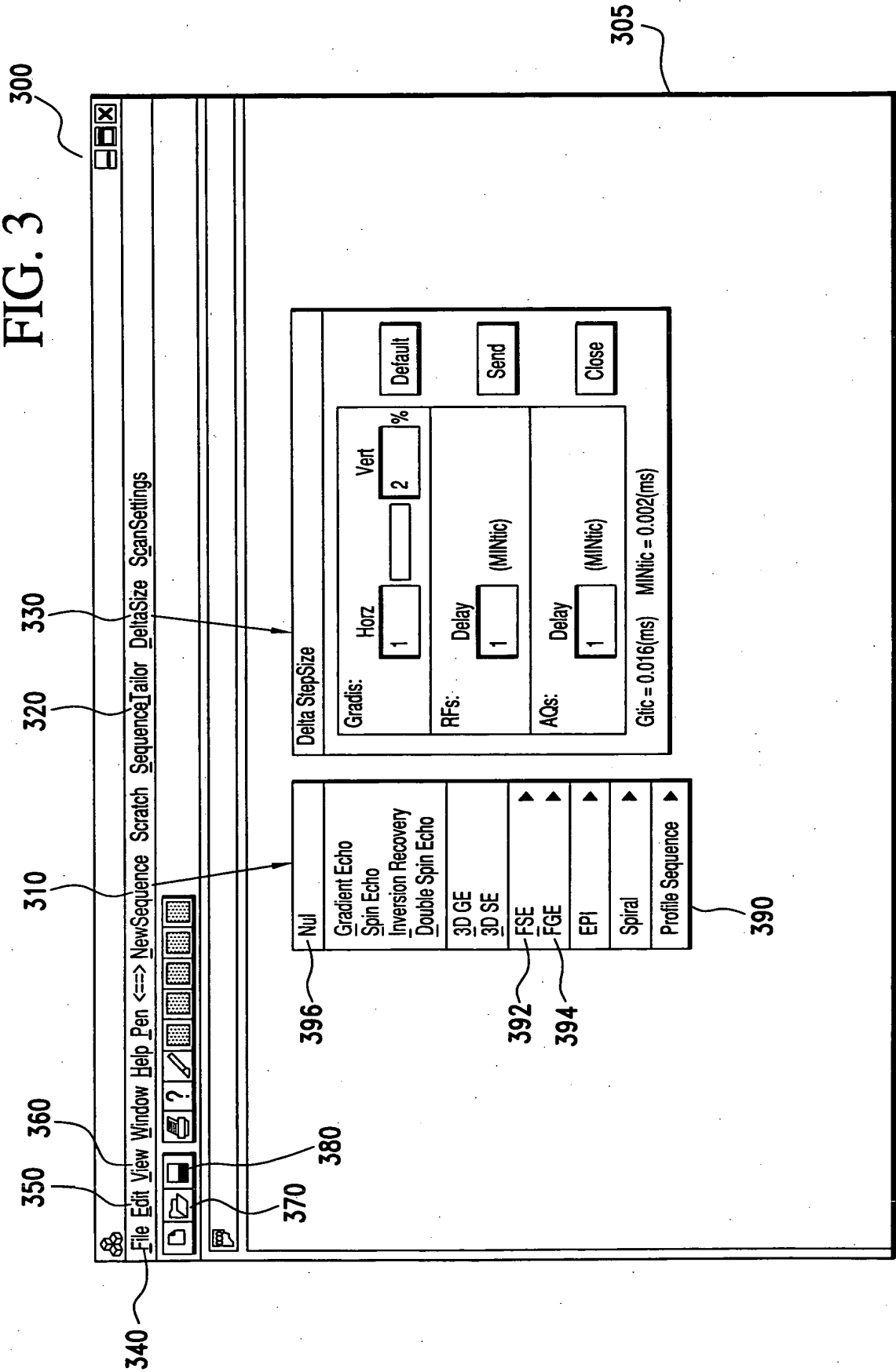
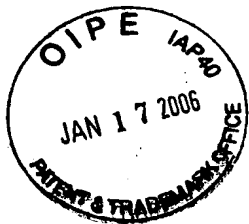


FIG. 2

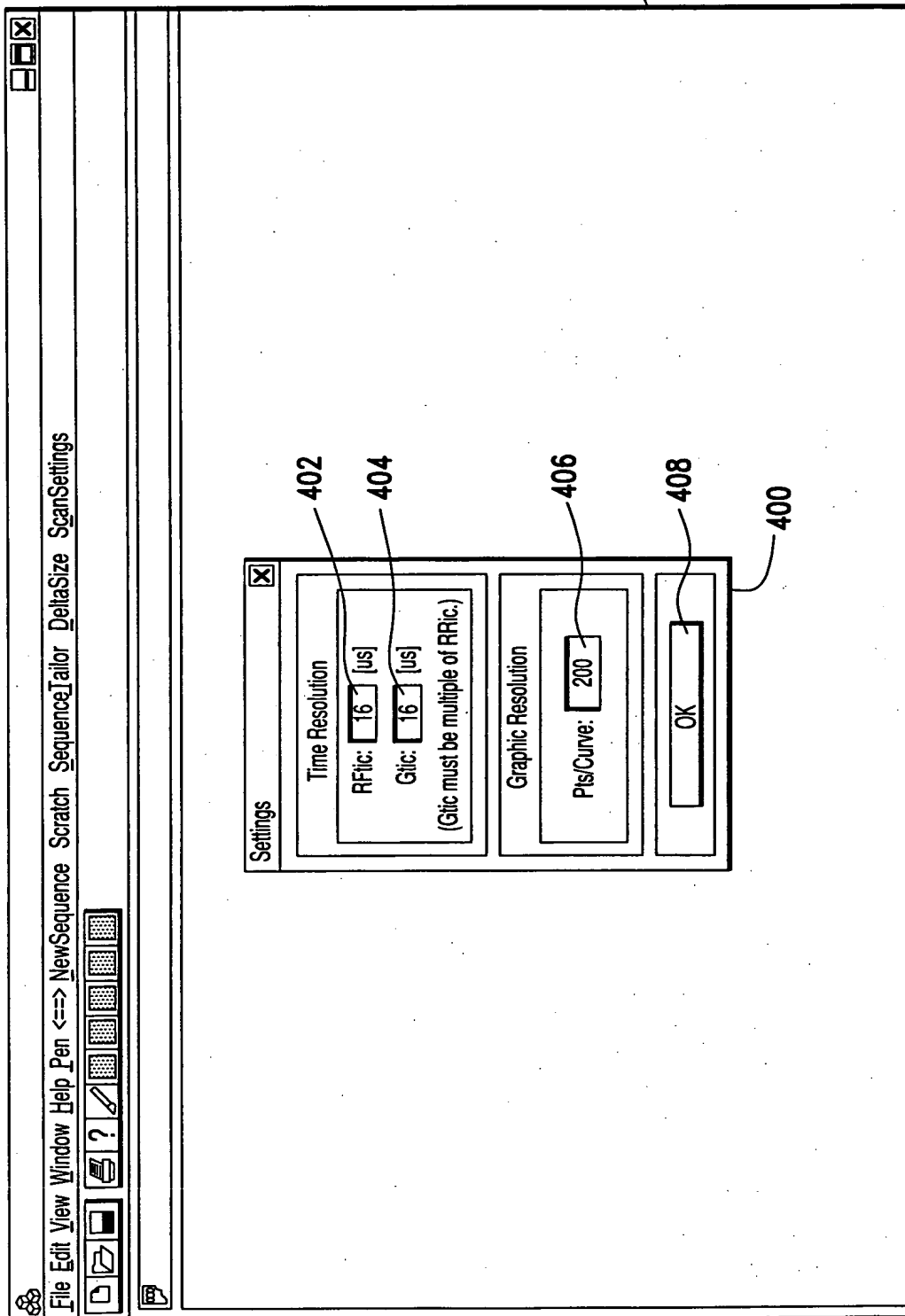
FIG. 3





4/30

FIG. 4



410



5/30

Figure 1 is a screenshot of a software interface for setting sequence parameters. The window is titled "Sequence SE" and contains several sections for configuring a sequence:

- I. Sequence Name:** A text field containing "zse85ccrp".
- II. TE:** A text field containing "85" followed by "[ms]".
- III. Order for Gradient Motion Compensation:** Three dropdown menus for "SS" (set to 2), "RO" (set to 1), and "PE" (set to 1).
- IV. RF:** A section for Radio Frequency parameters. It includes two rows of "Duration[ms]" (90 and 180) and "Phase" (0 and 90) fields, each followed by a "Shape Type" dropdown menu set to "Gasico".
- V. Data Acquisition:** A section for data acquisition parameters. It includes "Duration(ms)" (20), "#Samples" (1024), and "Echo Position Asym factor" (0.5). Below these fields are three buttons: "OK", "Demo 1", and "Demo 2".

The interface also features standard Windows window controls (minimize, maximize, close) and a toolbar with icons for file operations (open, save, print, etc.) and help.

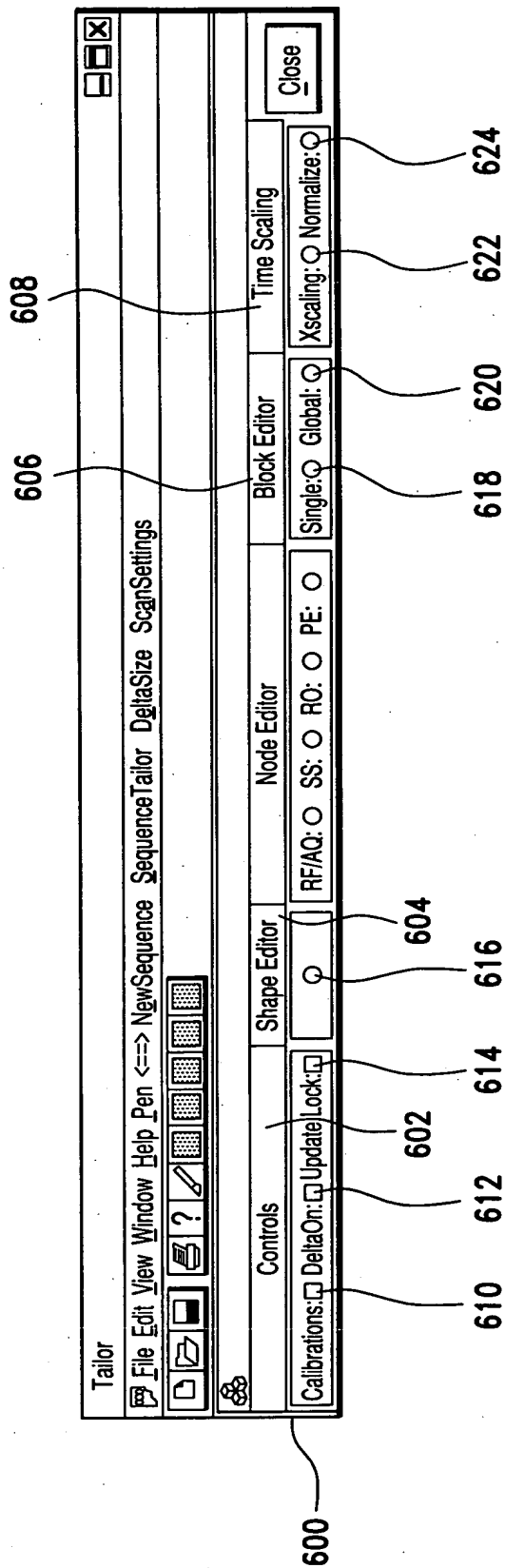
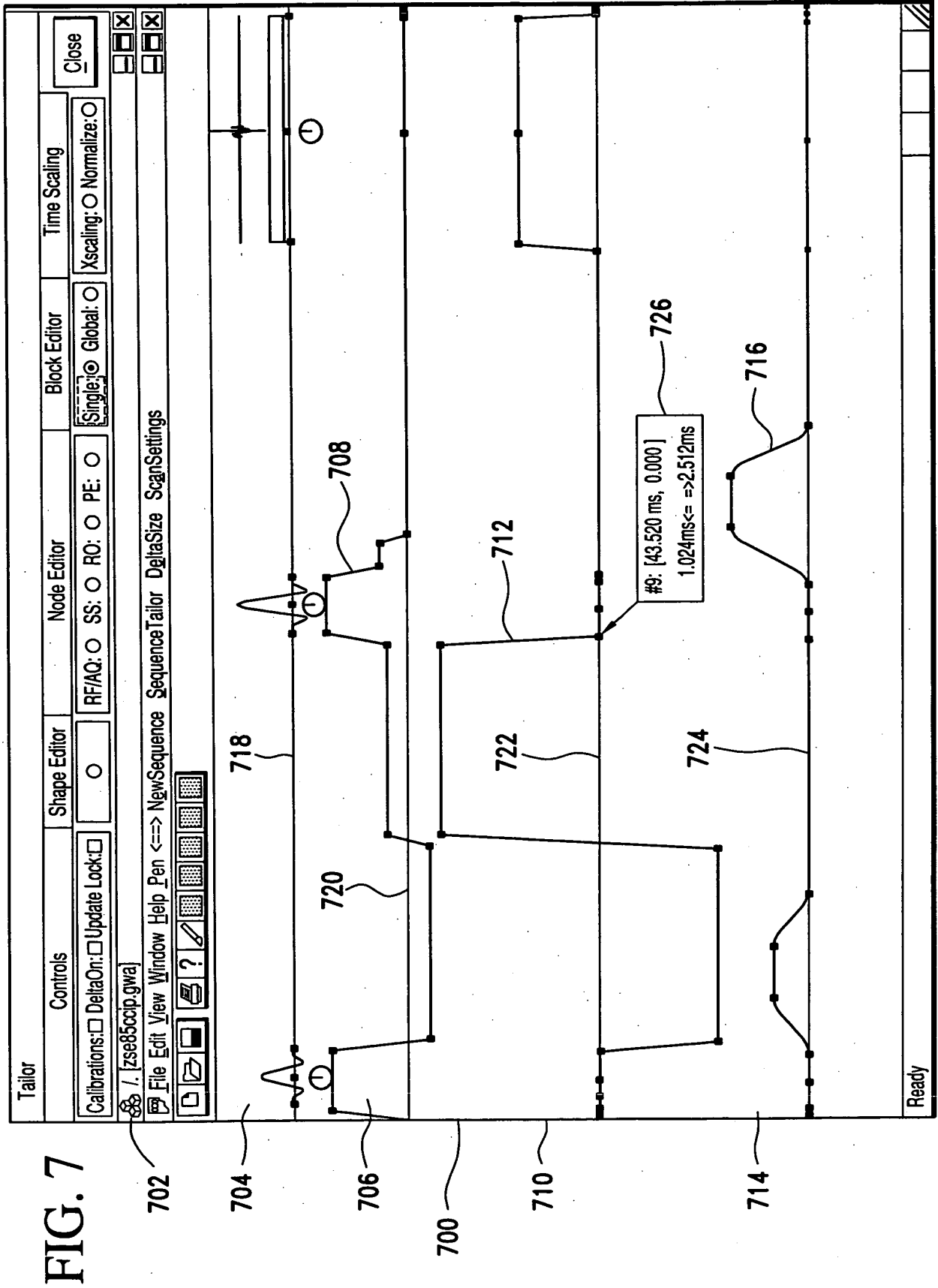
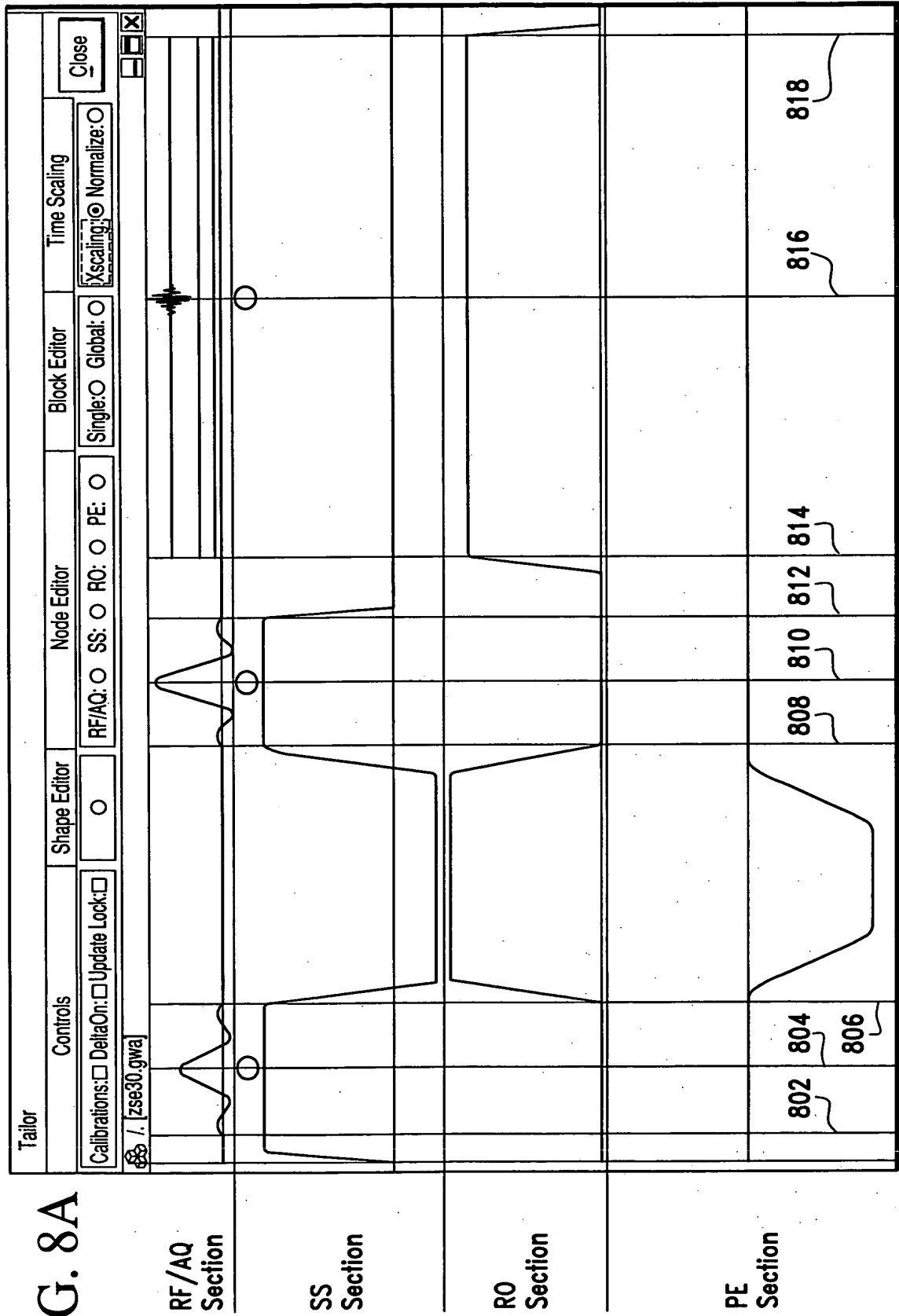


FIG. 6

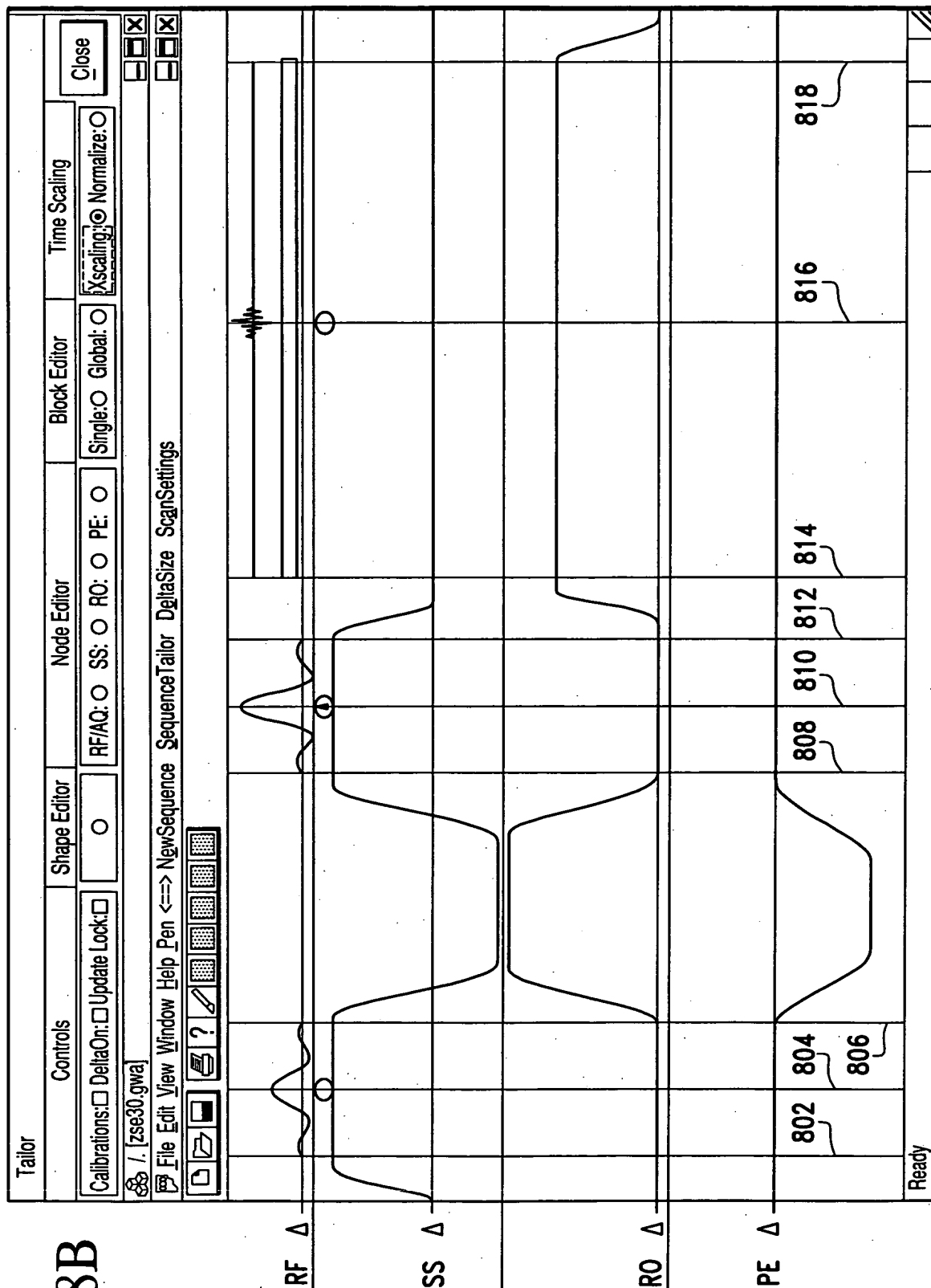


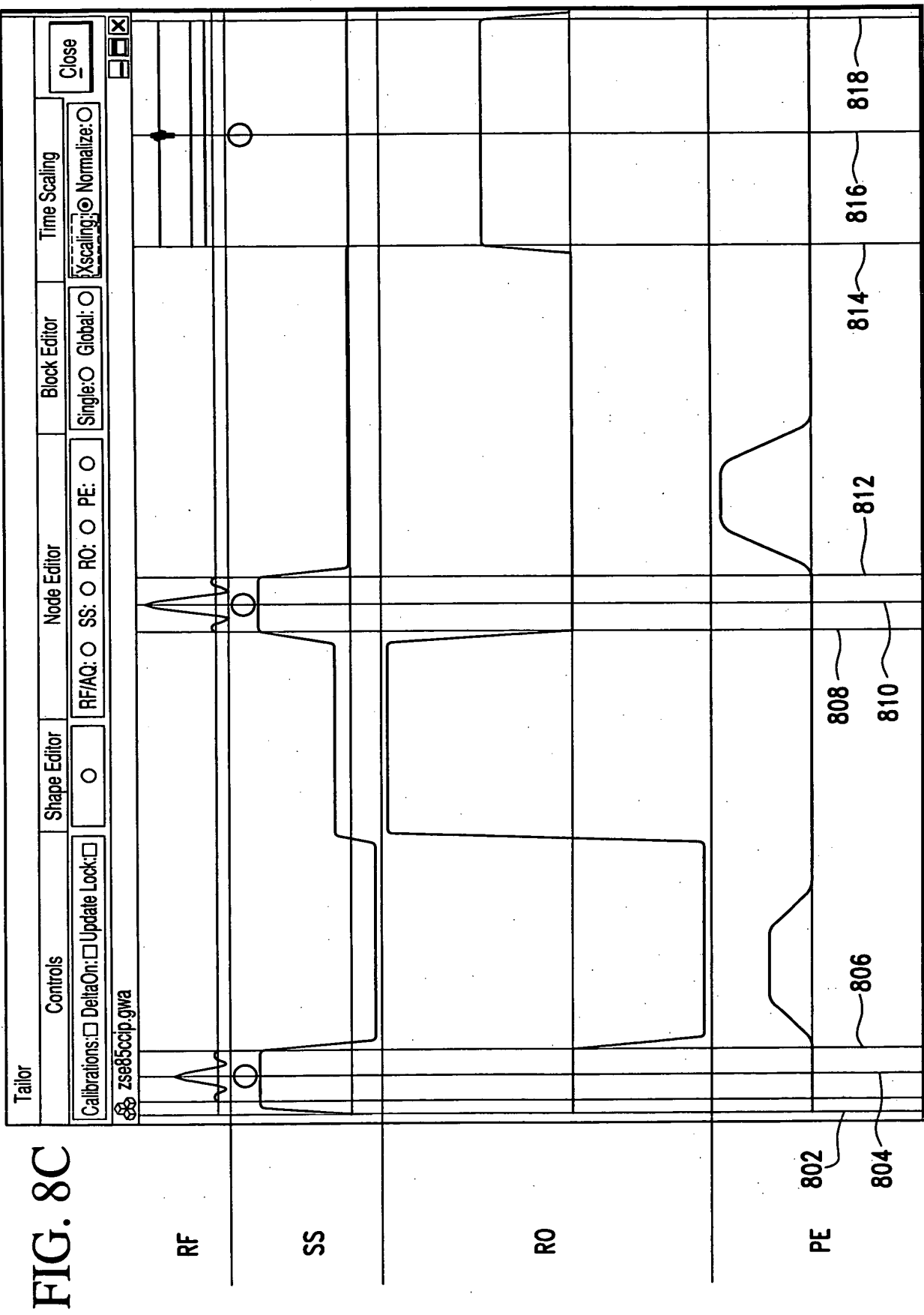




REPLACEMENT SHEET

9/30





950

Shape Selection:

Shape Types:

Hemite 952

OK

Cancel

Numerical Shapes:

Shapes Available 956

FIG. 9C

910

Shape Modification:

Gasico Parameters:

1. Amplitude of Sine: 98 912

2. Cycles of Sine: 3 914

3. Exponential of Sine: -0.4 916

4. Amplitude of Cosine: 2 918

5. Cycles of Cosine: 0 920

6. Exponential of Cosine: 0.55 922

Asymmetric factor: 0.5 924

Cancel

OK

FIG. 9B

Shape Editor

Modify Parans 902

Select Types 904

Cancel 900

FIG. 9A

FIG. 10A

The screenshot displays the 'Setting Combo Imaging Parameters' dialog box in an MRI software application. The dialog box is titled 'Setting Combo Imaging Parameters' and contains two main sections: 'Combo-seq Name' and 'Imaging Seq'. The 'Combo-seq Name' section has a text box containing 'zge12cr-z3dge10cr'. The 'Imaging Seq' section has a dropdown menu set to 'z3dge10cr' and a list of parameters: TR (ms): 20, Number of Slices: 32, Slice Thickness: 1, Number of Levels: 256, PE DFT Size: 256, 180 RF Flip: 1, 3D additional: # of Slabs: 1, Slab Thickness: 32, # of Inner Levels: 32, Inner DFT Size: 32. The background shows a waveform plot with labels 1050B, 1072, and 1044.

FIG. 10B

1080

Setting Imaging Parameters

Sequence

Sequence Name: zse85cc1p 1082

TE (ms): 84.992 1084

Imaging Parameters

Number of Slices: 1 1086

Slice Thickness: 7 1088

TR (ms): 99.552 1090

Number of Levels: 256 1092

DFT Size: 256 1094

180 RF Flipping: 1 1096

OK Cancel

FIG. 10C

[illegible]

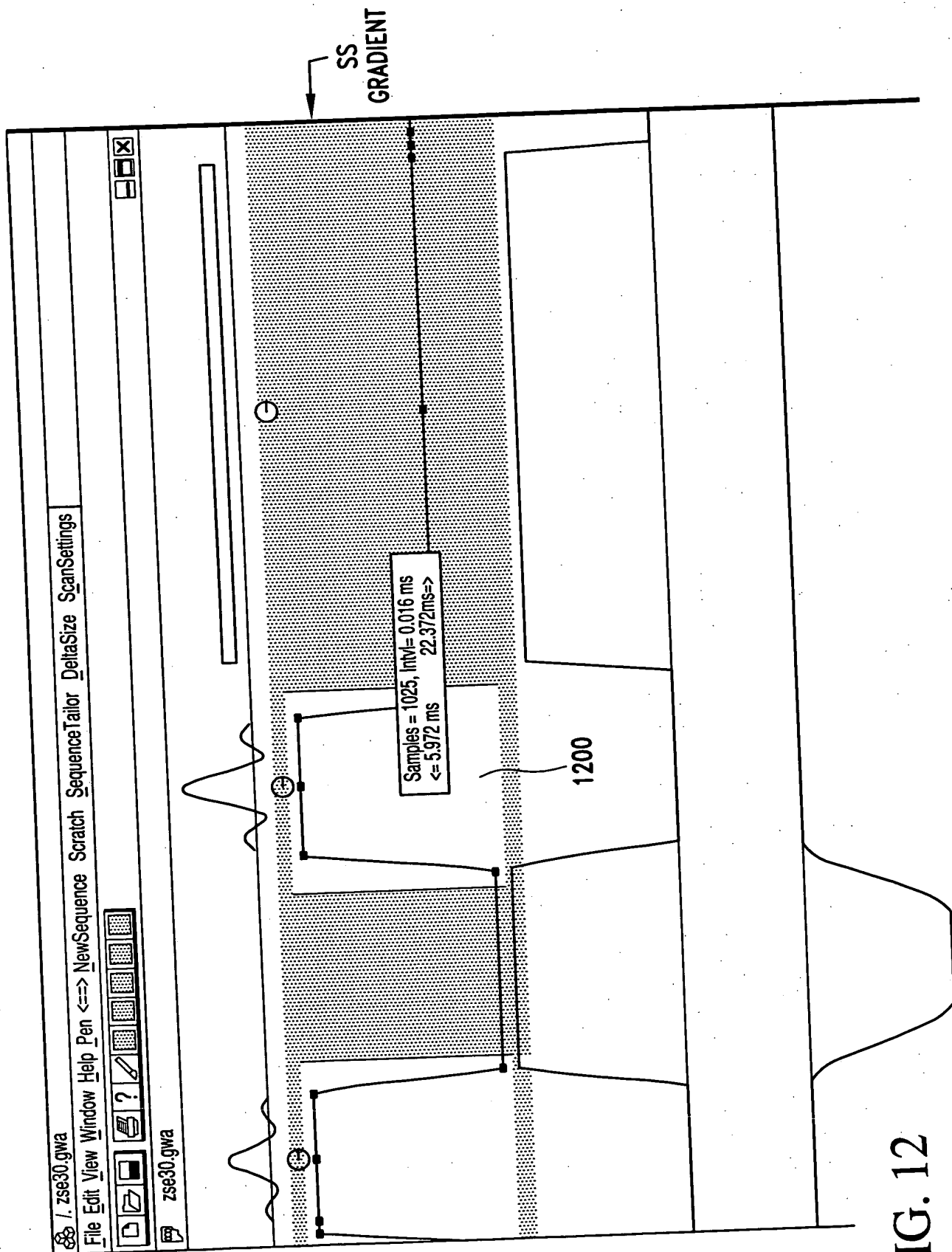


FIG. 12



REPLACEMENT SHEET

17/32

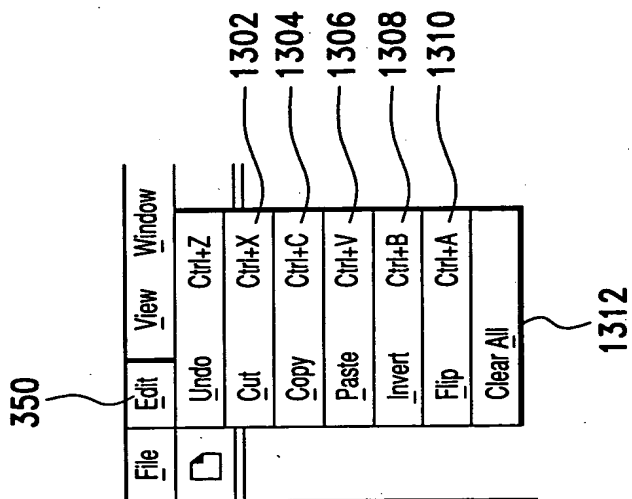
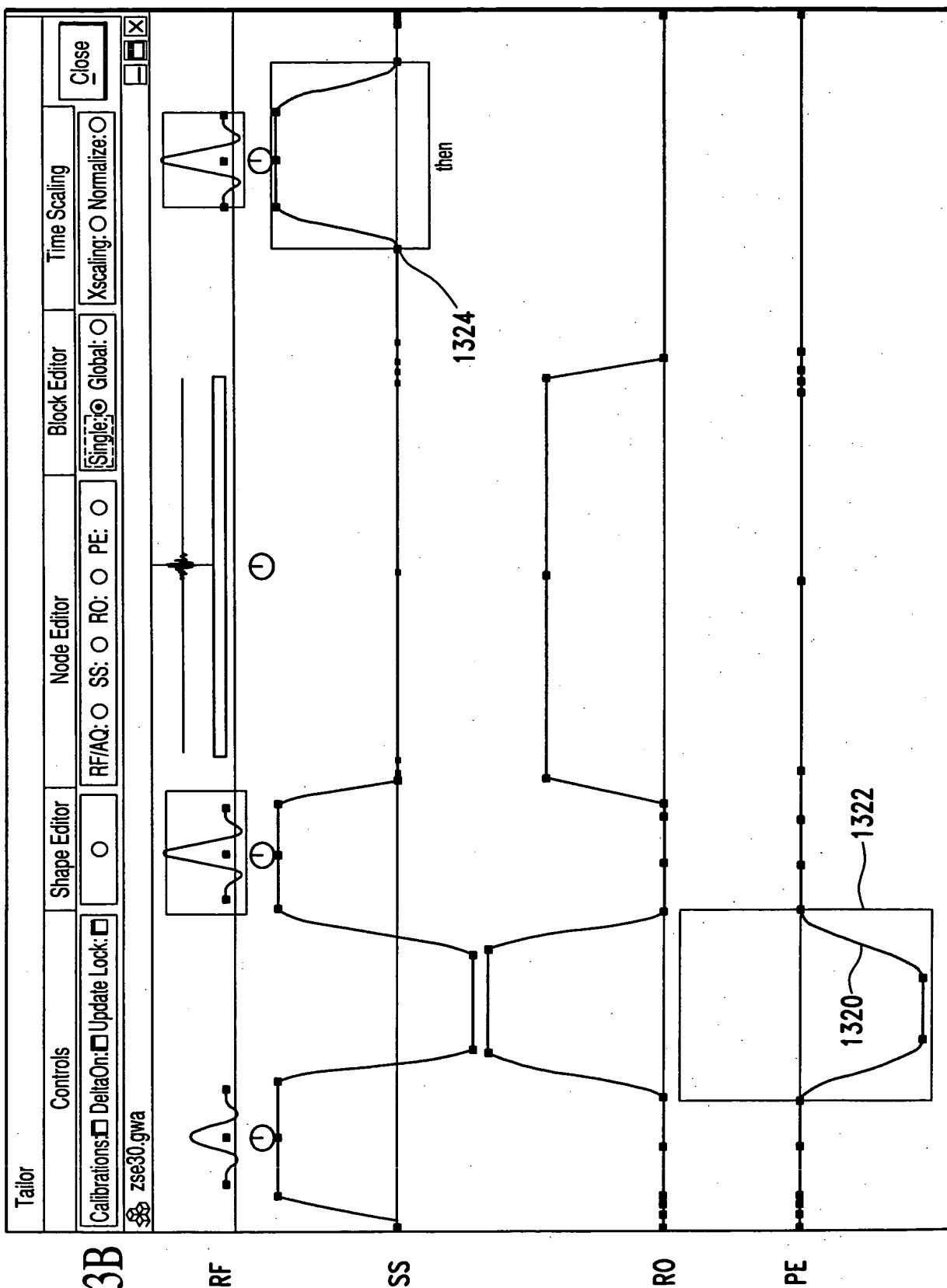
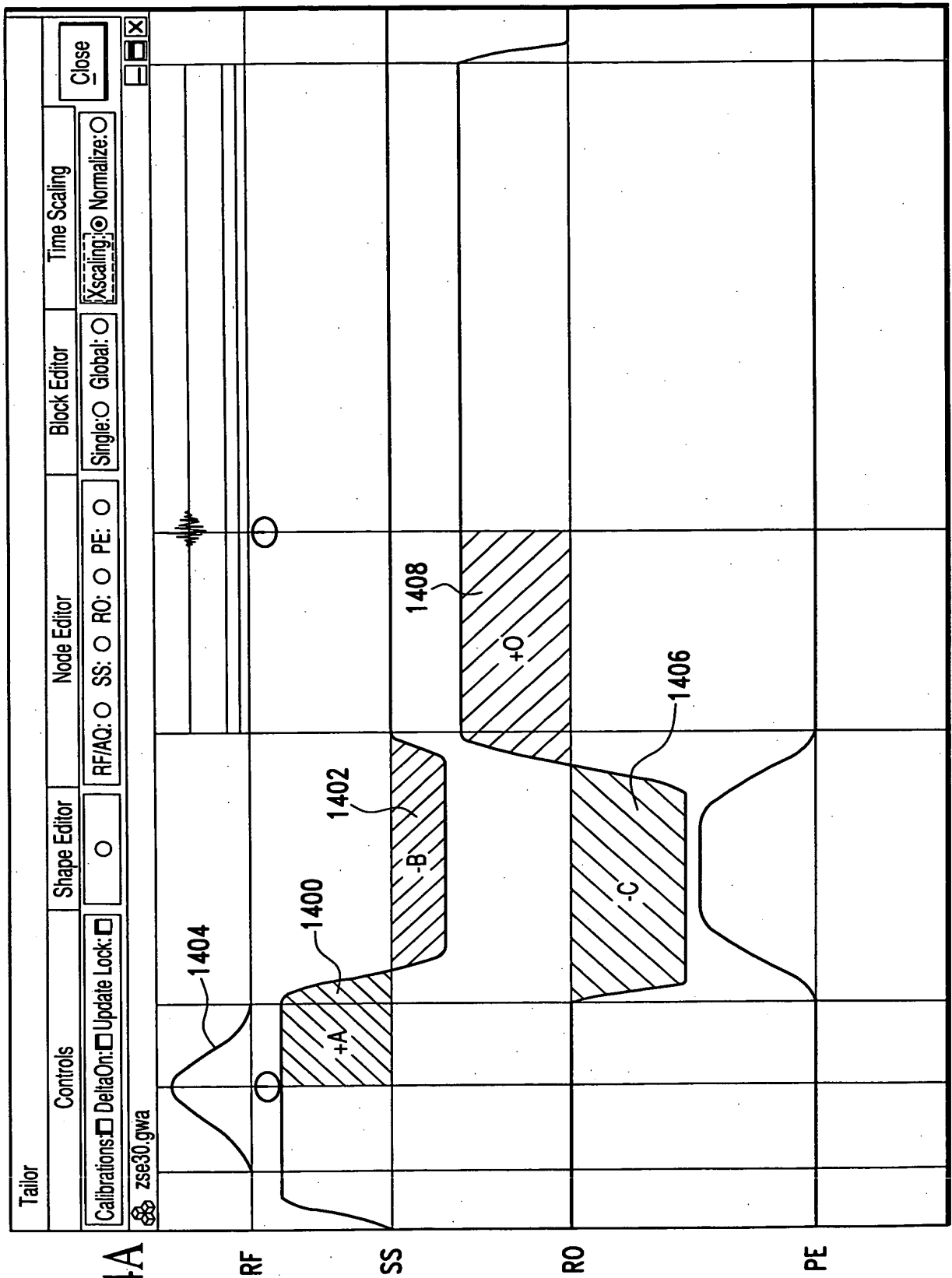
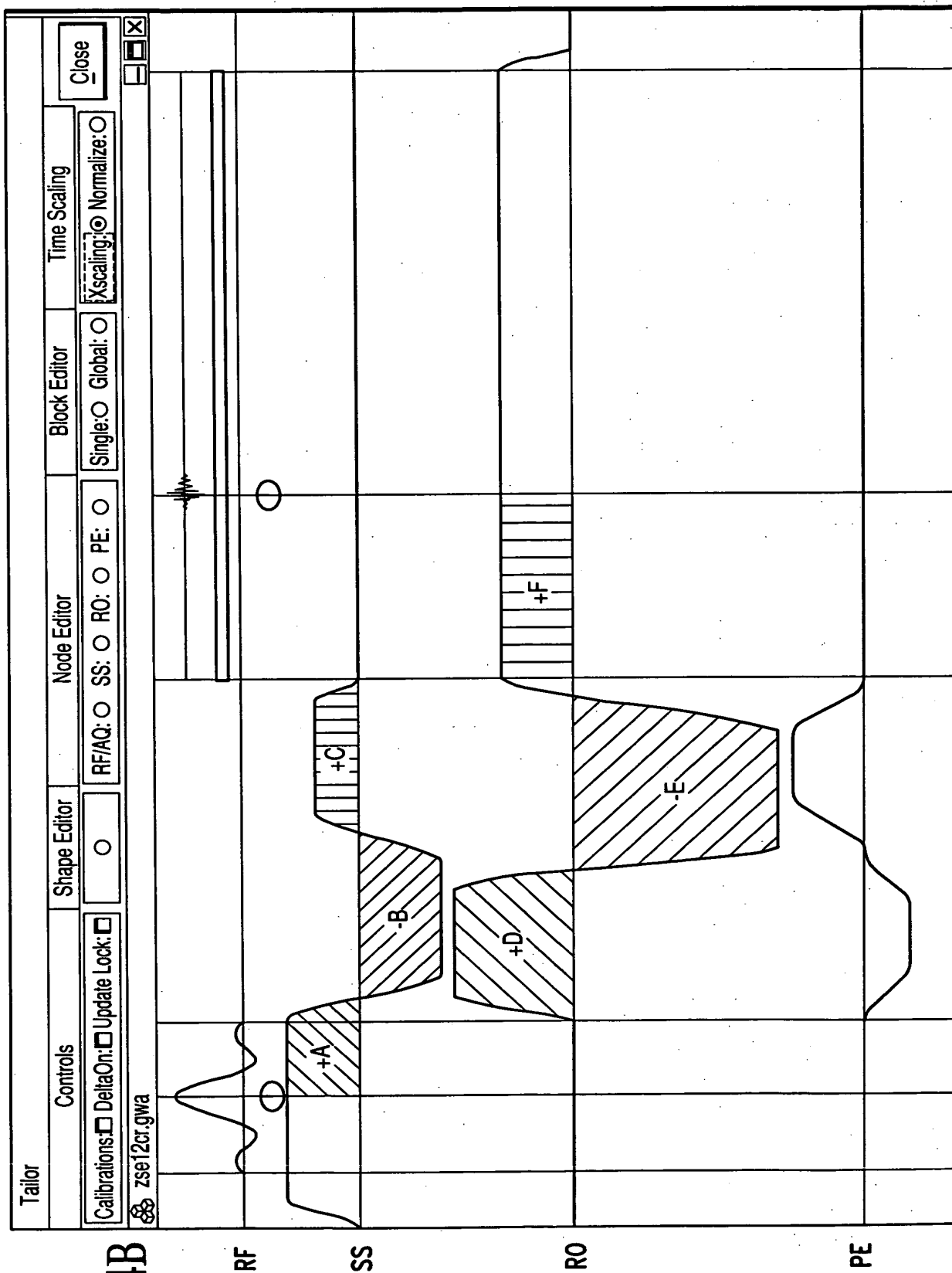


FIG. 13A







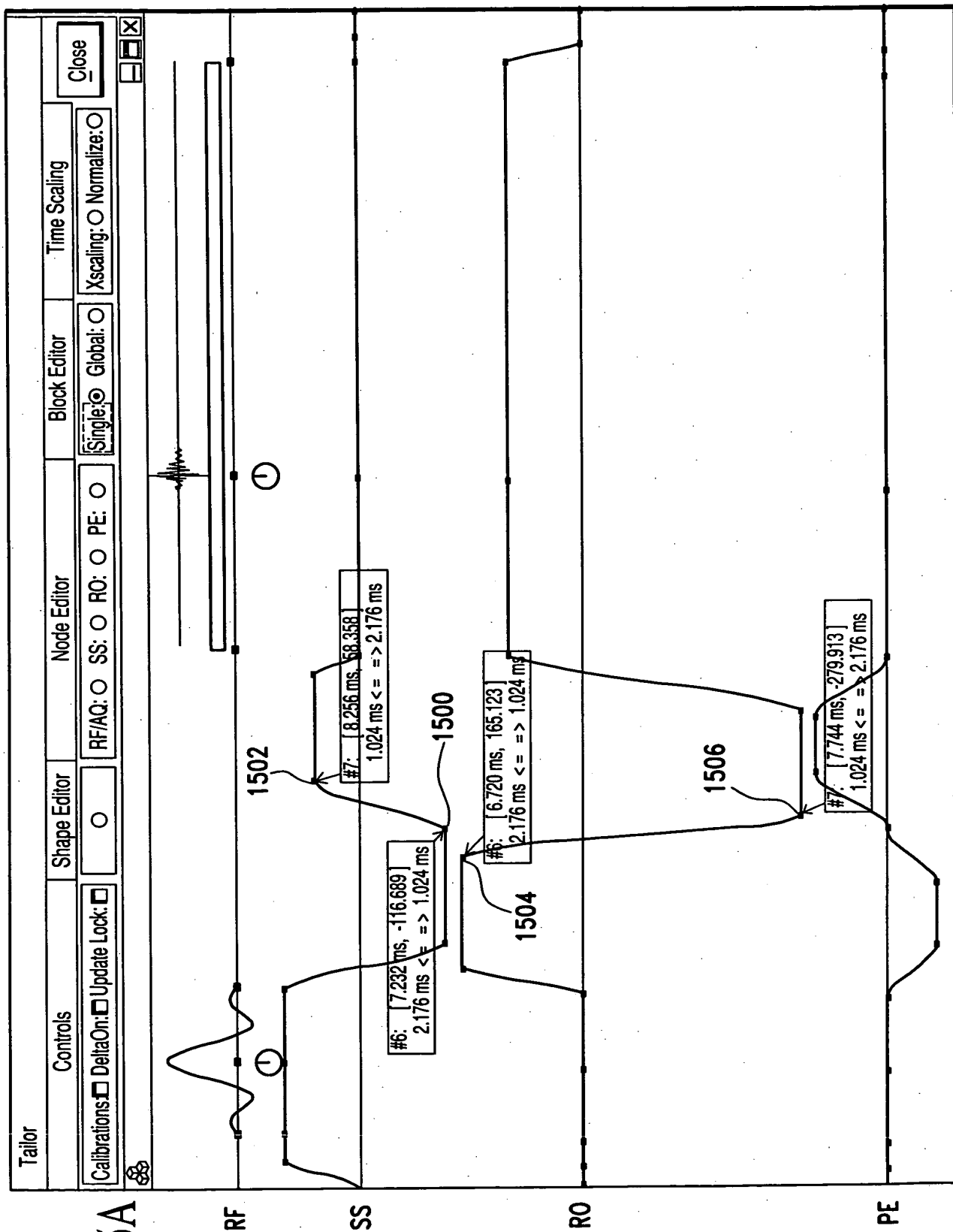


FIG. 15A

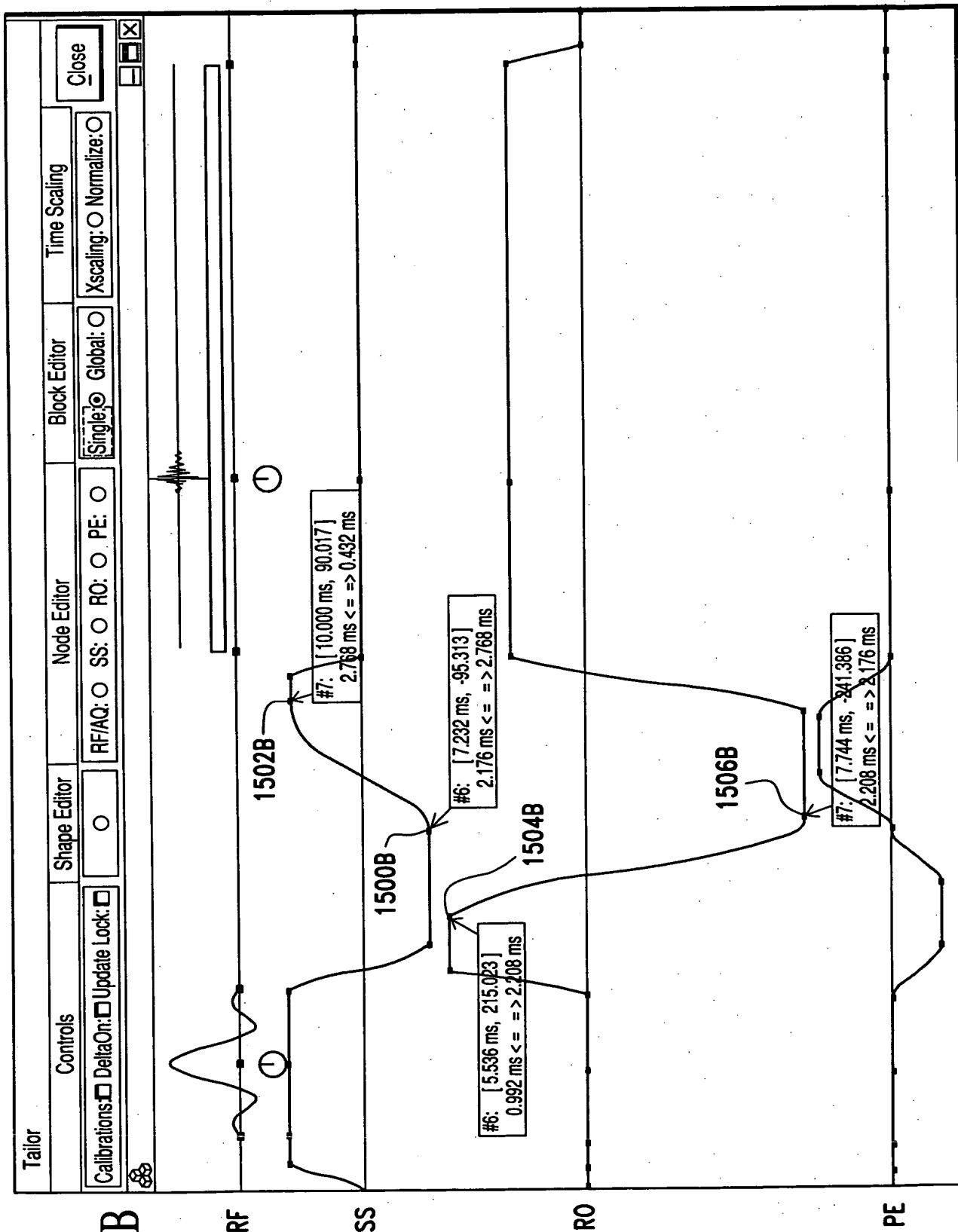
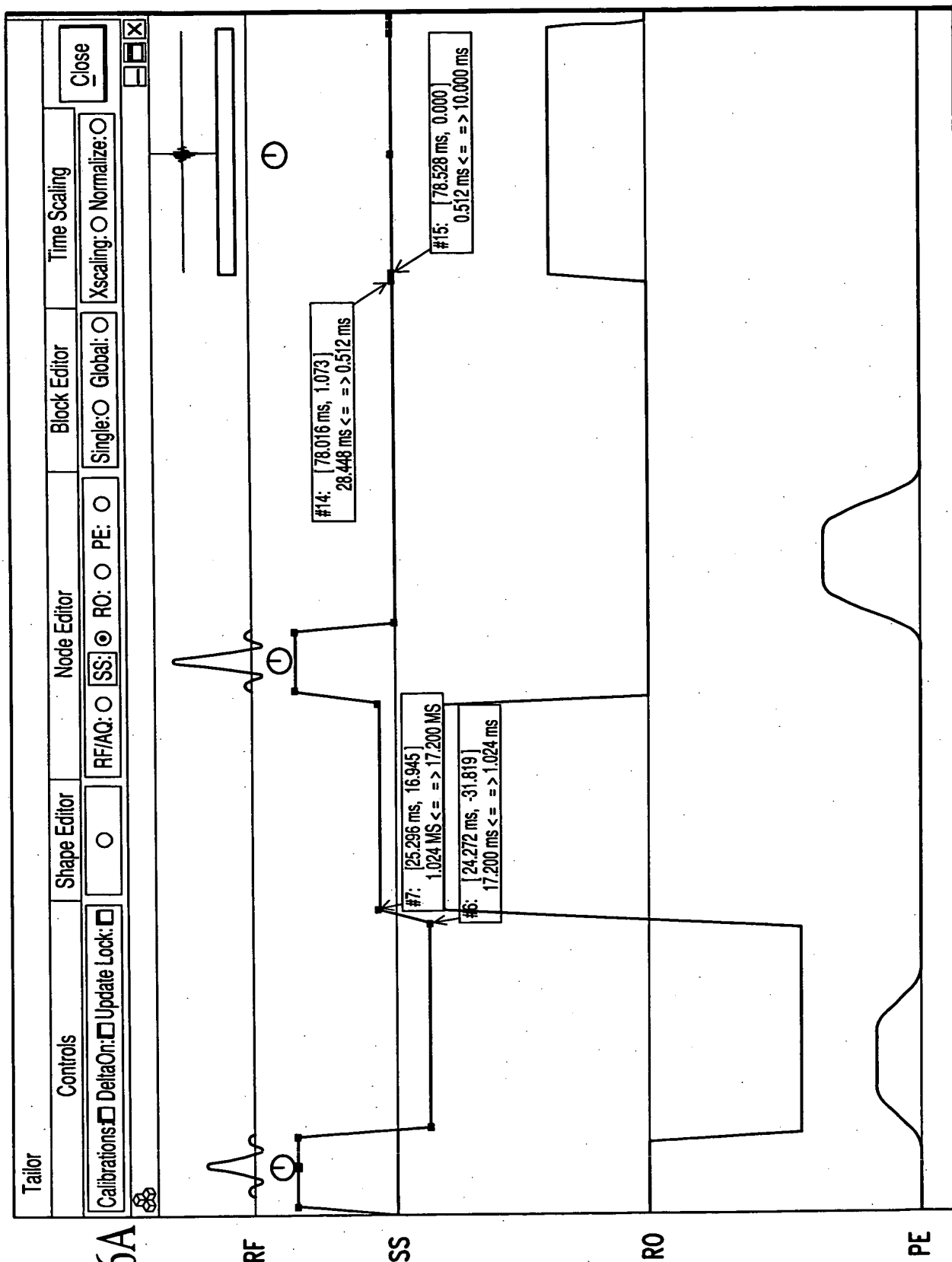
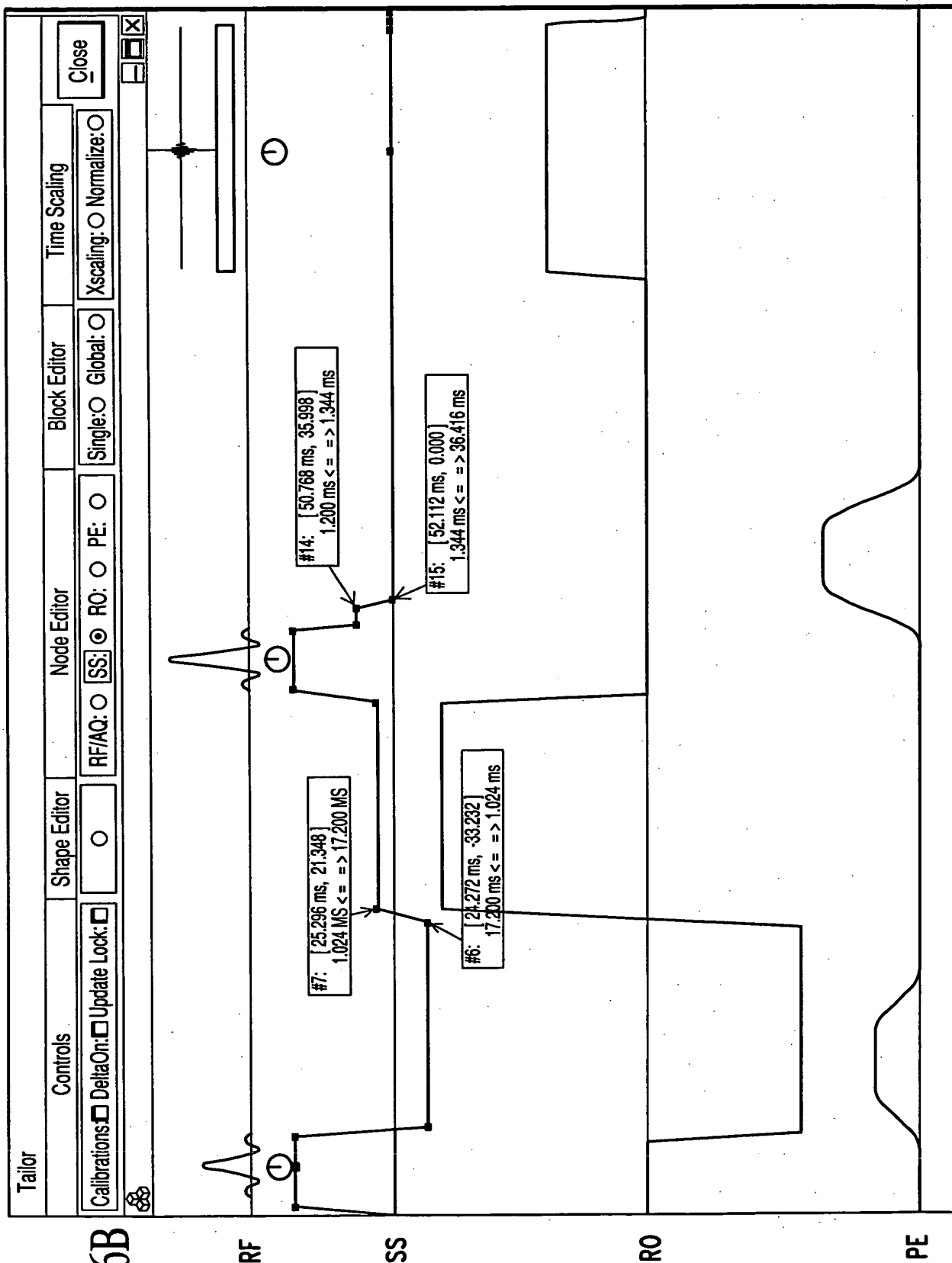


FIG. 15B





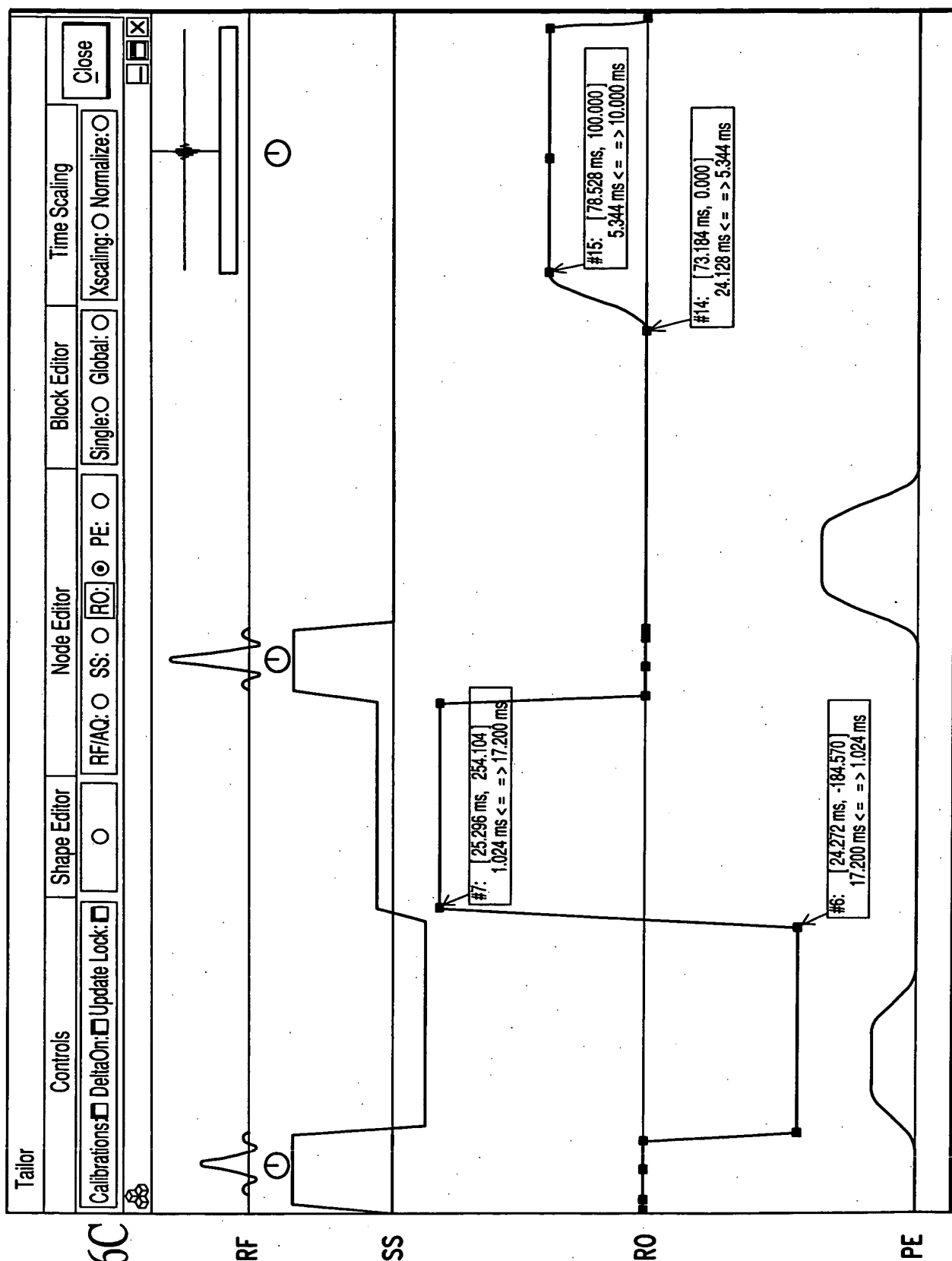
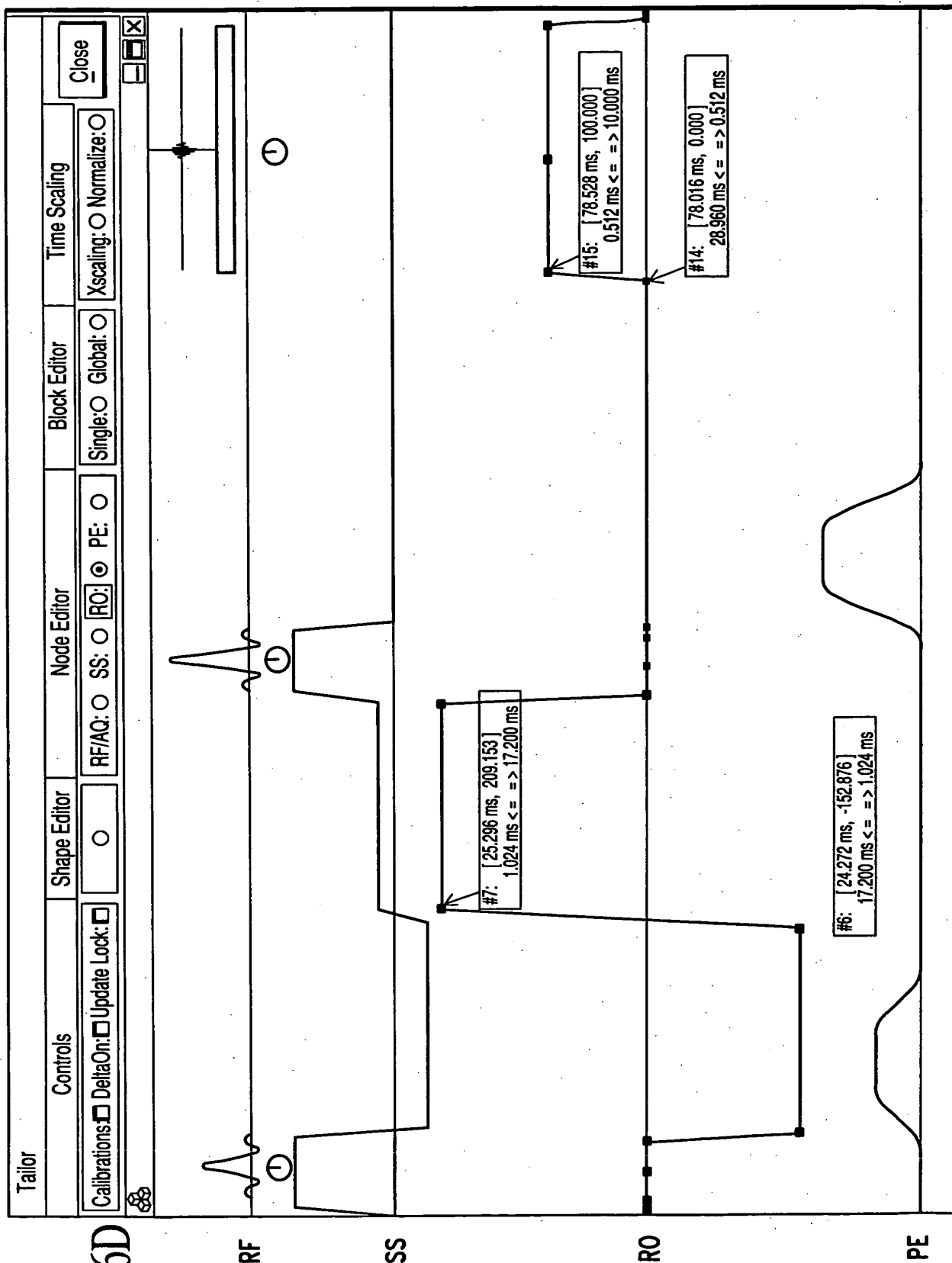


FIG. 16C



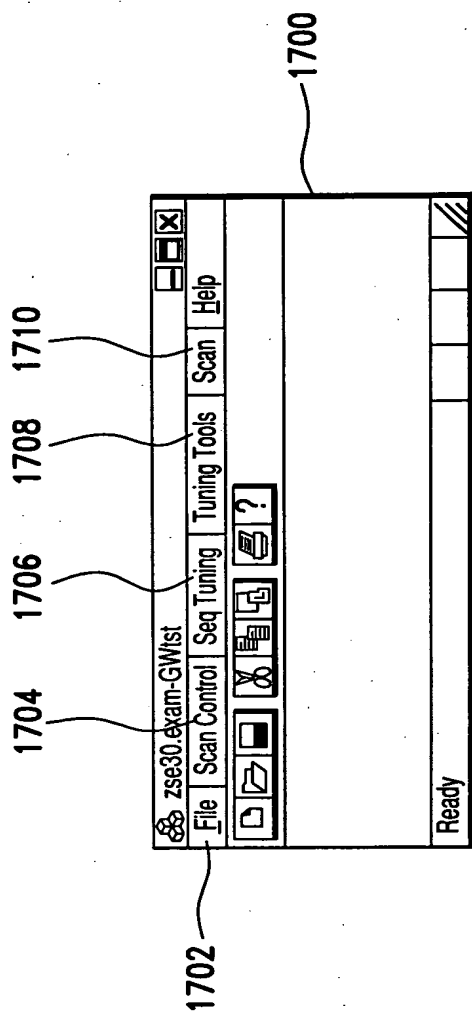


FIG. 17

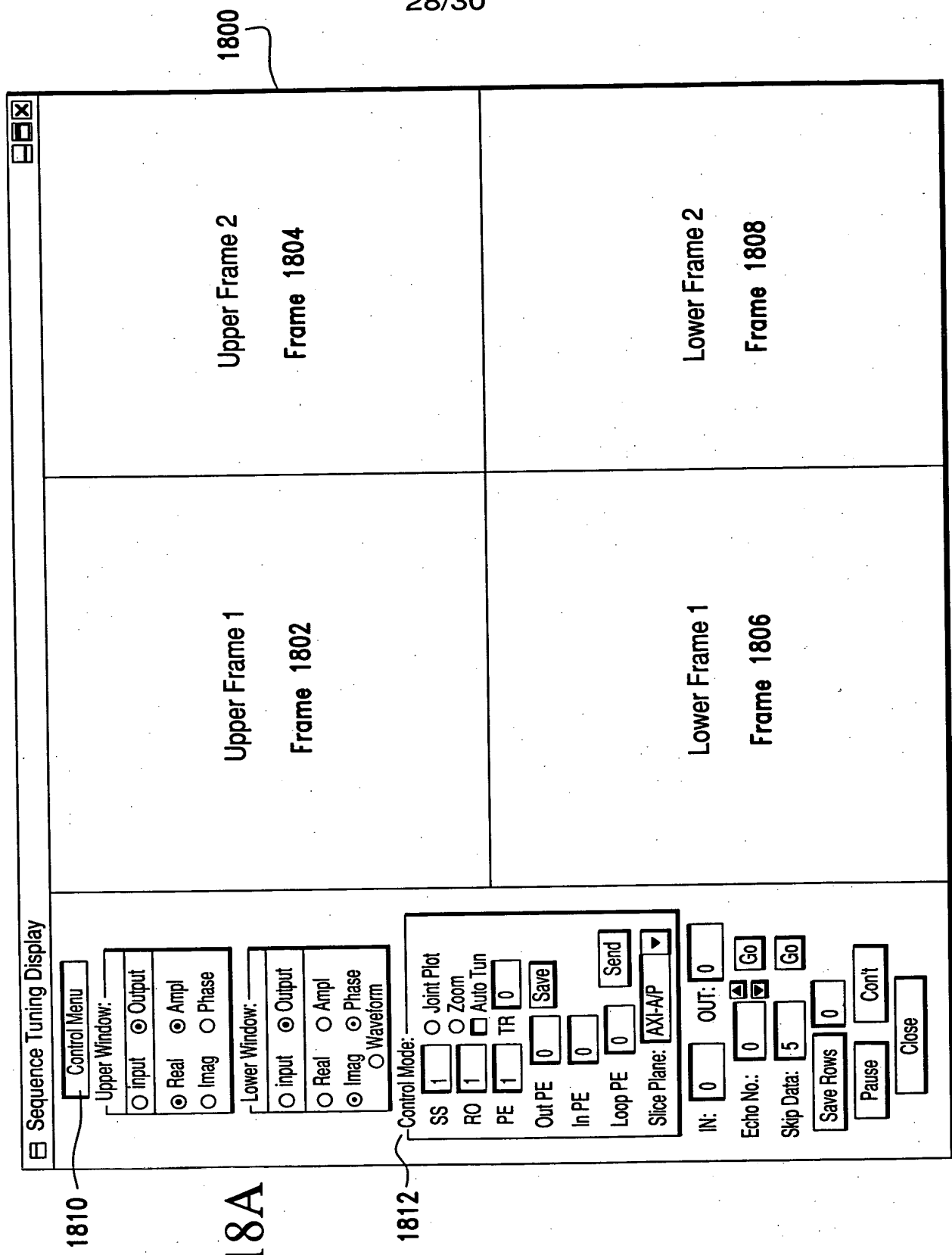


FIG. 18A

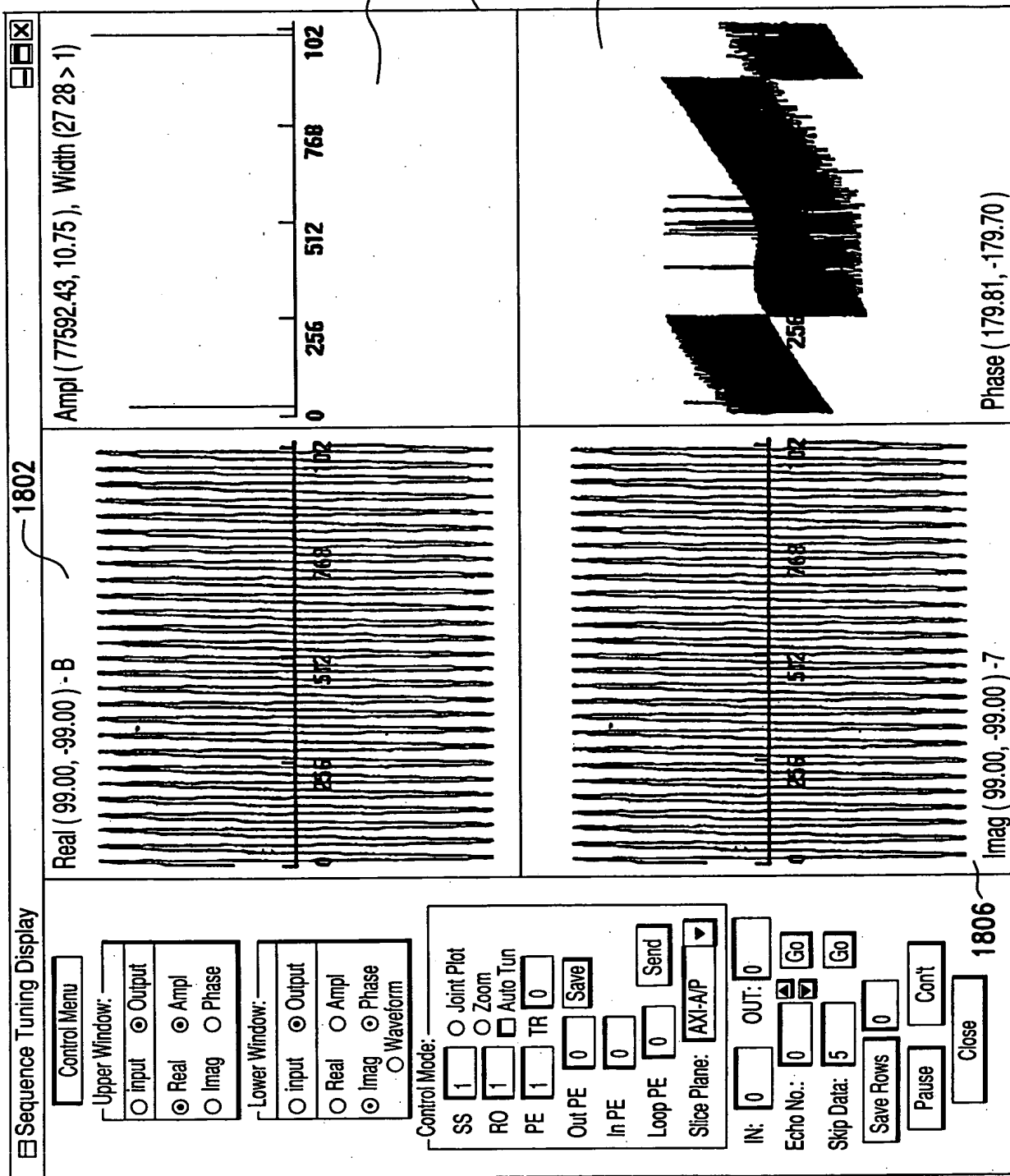


FIG. 18B

Scan Params

Exam :: H:\Fonar\Exams\zse30.exam

TE: 30

Slices: 1

TR: 46

NEX: 1

Levels: 128

ETL: 0

Slice Plane: AXI-A/P

Scan

Cancel

Scan Time: 5888 MSec.

Imag ::

1900

1902

1904

1906

1908

1910

1912

1914

1916

FIG. 19